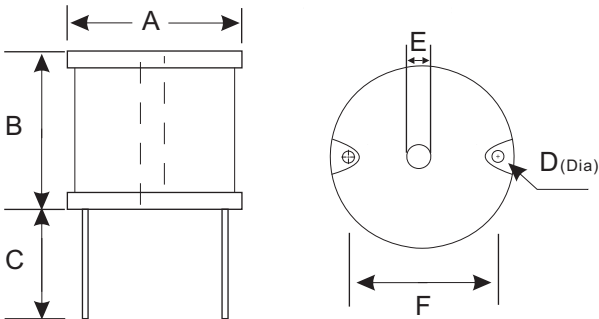


High Current Radial Drum Core Chokes



Dimensions and Footprint (Unit:mm)

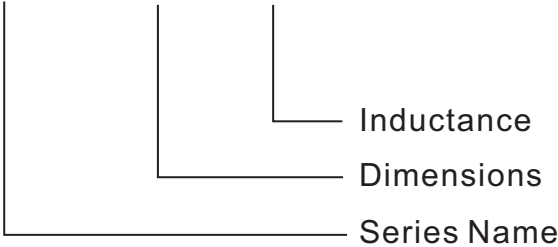
Type	A(Max)	B(Max)	C(Ref)	E(Min)
THDC1621	16.7	21.5	10	3.5
THDC2021	20.5	21.5	10	3.5
THDC2821	28	21.5	10	4.5
THDC3826	38.5	26.5	10	4

Description

- Very high current capacity and Low DCR.
- Epoxy coated ferrite bobbin core and uncoated.
- Operating Temperature:
 - 55°C to +125°C ;
 - 55°C to +80°C @ full rated current
- Dielectric Withstanding Voltage 1000V RMS.

Part Number Code

THDC 1621-1R0M



Electrical Specifications-THDC1621

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	F(Ref) (mm)	D(Dia) (mm)	TEST FREQ (kHz)
THDC1621-1R0M	1±20%	0.003	9	14	1.29	1
THDC1621-1R2M	1.2±20%	0.003	9	14	1.29	1
THDC1621-1R5M	1.5±20%	0.004	9	14	1.29	1
THDC1621-1R8M	1.8±20%	0.004	9	14	1.29	1
THDC1621-2R2M	2.2±20%	0.005	9	14	1.29	1
THDC1621-2R7M	2.7±20%	0.005	9	14	1.29	1
THDC1621-3R3M	3.3±20%	0.005	9	14	1.29	1
THDC1621-3R9M	3.9±20%	0.006	9	14	1.29	1
THDC1621-4R7M	4.7±20%	0.007	9	14	1.29	1
THDC1621-5R6M	5.6±20%	0.007	9	14	1.29	1
THDC1621-6R8M	6.8±20%	0.008	9	14	1.29	1
THDC1621-8R2M	8.2±20%	0.009	9	14	1.29	1
THDC1621-100K	10±10%	0.010	9	14	1.29	1
THDC1621-120K	12±10%	0.011	9	14	1.29	1
THDC1621-150K	15±10%	0.015	7.2	13.5	1.15	1
THDC1621-180K	18±10%	0.016	7.2	13.5	1.15	1
THDC1621-220K	22±10%	0.020	5.5	13.5	1.15	1
THDC1621-270K	27±10%	0.030	4.5	13.5	1.02	1
THDC1621-330K	33±10%	0.040	4.0	13.5	0.91	1
THDC1621-390K	39±10%	0.045	4.0	13.5	0.91	1
THDC1621-470K	47±10%	0.062	2.8	13.5	0.81	1
THDC1621-560K	56±10%	0.069	2.8	13.5	0.81	1
THDC1621-680K	68±10%	0.077	2.8	12.5	0.81	1
THDC1621-820K	82±10%	0.083	2.8	12.5	0.81	1
THDC1621-101K	100±10%	0.095	2.8	12.5	0.72	1
THDC1621-121K	120±10%	0.127	2.0	12.5	0.72	1
THDC1621-151K	150±10%	0.181	1.6	12.5	0.72	1
THDC1621-181K	180±10%	0.217	1.6	12.5	0.64	1
THDC1621-221K	220±10%	0.240	1.6	12.5	0.64	1
THDC1621-271K	270±10%	0.300	1.6	12.0	0.51	1
THDC1621-331K	330±10%	0.336	1.3	12.0	0.51	1
THDC1621-391K	390±10%	0.460	1.0	12.0	0.51	1
THDC1621-471K	470±10%	0.636	0.8	12.0	0.51	1
THDC1621-561K	560±10%	0.696	0.8	12.0	0.51	1

Electrical Specifications-THDC2021

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	F(Ref) (mm)	D(Dia) (mm)	TEST FREQ (kHz)
THDC2021-1R0M	1±20%	0.003	11.4	16	1.82	1
THDC2021-1R2M	1.2±20%	0.003	11.4	16	1.82	1
THDC2021-1R5M	1.5±20%	0.003	11.4	16	1.82	1
THDC2021-1R8M	1.8±20%	0.003	11.4	16	1.82	1
THDC2021-2R2M	2.2±20%	0.004	11.4	16	1.82	1
THDC2021-2R7M	2.7±20%	0.005	11.4	16	1.63	1
THDC2021-3R3M	3.3±20%	0.005	11.4	16	1.63	1
THDC2021-3R9M	3.9±20%	0.005	11.4	16	1.63	1
THDC2021-4R7M	4.7±20%	0.005	11.4	16	1.63	1
THDC2021-5R6M	5.6±20%	0.006	11.4	16	1.63	1
THDC2021-6R8M	6.8±20%	0.007	11.4	16	1.63	1
THDC2021-8R2M	8.2±20%	0.007	11.4	16	1.63	1
THDC2021-100K	10±10%	0.009	11.4	16	1.63	1
THDC2021-120K	12±10%	0.009	11.4	16	1.45	1
THDC2021-150K	15±10%	0.013	9.0	16	1.45	1
THDC2021-180K	18±10%	0.018	7.2	16	1.15	1
THDC2021-220K	22±10%	0.019	7.2	16	1.15	1
THDC2021-270K	27±10%	0.026	5.5	16	1.00	1
THDC2021-330K	33±10%	0.029	5.5	15.5	1.00	1
THDC2021-390K	39±10%	0.030	5.5	15.5	1.00	1
THDC2021-470K	47±10%	0.035	5.5	15.5	1.00	1
THDC2021-560K	56±10%	0.039	5.5	15.5	1.00	1
THDC2021-680K	68±10%	0.053	4.8	15.5	1.00	1
THDC2021-820K	82±10%	0.060	4.8	15.5	0.91	1
THDC2021-101K	100±10%	0.080	4.0	15.5	0.91	1
THDC2021-121K	120±10%	0.090	4.0	15.5	0.91	1
THDC2021-151K	150±10%	0.098	4.0	15.5	0.81	1
THDC2021-181K	180±10%	0.110	4.0	15.5	0.81	1
THDC2021-221K	220±10%	0.150	2.8	15.5	0.81	1
THDC2021-271K	270±10%	0.213	2.0	15.0	0.72	1
THDC2021-331K	330±10%	0.305	1.6	15.0	0.64	1
THDC2021-391K	390±10%	0.320	1.6	15.0	0.64	1
THDC2021-471K	470±10%	0.355	1.6	15.0	0.64	1
THDC2021-561K	560±10%	0.388	1.6	15.0	0.64	1
THDC2021-681K	680±10%	0.430	1.6	15.0	0.64	1
THDC2021-821K	820±10%	0.590	1.3	15.0	0.57	1
THDC2021-102K	1000±10%	0.818	1.0	15.0	0.51	1
THDC2021-122K	1200±10%	1.140	0.8	15.0	0.44	1
THDC2021-152K	1500±10%	1.260	0.8	15.0	0.44	1
THDC2021-182K	1800±10%	1.390	0.8	15.0	0.44	1
THDC2021-222K	2200±10%	1.540	0.8	15.0	0.44	1

Electrical Specifications-THDC2821

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	F(Ref) (mm)	D(Dia) (mm)	TEST FREQ (kHz)
THDC2821-1R0M	1±20%	0.003	21	20	2	1
THDC2821-1R2M	1.2±20%	0.003	21	20	2	1
THDC2821-1R5M	1.5±20%	0.003	21	20	2	1
THDC2821-1R8M	1.8±20%	0.003	21	20	2	1
THDC2821-2R2M	2.2±20%	0.003	21	20	2	1
THDC2821-2R7M	2.7±20%	0.003	21	20	2	1
THDC2821-3R3M	3.3±20%	0.003	21	20	2	1
THDC2821-3R9M	3.9±20%	0.003	21	20	2	1
THDC2821-4R7M	4.7±20%	0.003	21	20	2	1
THDC2821-5R6M	5.6±20%	0.003	21	20	2	1
THDC2821-6R8M	6.8±20%	0.004	21	20	2	1
THDC2821-8R2M	8.2±20%	0.004	21	20	2	1
THDC2821-100K	10±10%	0.006	17	20	2	1
THDC2821-120K	12±10%	0.008	13.5	20	2	1
THDC2821-150K	15±10%	0.009	13.5	20	2	1
THDC2821-180K	18±10%	0.010	13.5	20	2	1
THDC2821-220K	22±10%	0.011	13.5	20	2	1
THDC2821-270K	27±10%	0.012	13.5	20	2	1
THDC2821-330K	33±10%	0.017	13.5	20	2	1
THDC2821-390K	39±10%	0.022	11.4	20	2	1
THDC2821-470K	47±10%	0.024	9.0	20	2	1
THDC2821-560K	56±10%	0.026	9.0	20	2	1
THDC2821-680K	68±10%	0.029	9.0	20	2	1
THDC2821-820K	82±10%	0.032	9.0	20	2	1
THDC2821-101K	100±10%	0.034	9.0	20	2	1
THDC2821-121K	120±10%	0.046	7.2	20	2	1
THDC2821-151K	150±10%	0.064	5.5	19.5	2	1
THDC2821-181K	180±10%	0.072	5.5	19.5	2	1
THDC2821-221K	220±10%	0.080	5.5	19.5	2	1
THDC2821-271K	270±10%	0.110	4.5	19.5	2	1
THDC2821-331K	330±10%	0.122	4.5	19.5	2	1
THDC2821-391K	390±10%	0.169	4.0	19.5	2	1
THDC2821-471K	470±10%	0.187	4.0	19.5	2	1
THDC2821-561K	560±10%	0.205	4.0	19.5	2	1
THDC2821-681K	680±10%	0.256	2.8	19.5	2	1
THDC2821-821K	820±10%	0.288	2.8	19.5	2	1
THDC2821-102K	1000±10%	0.426	2.0	19.0	1.82	1
THDC2821-122K	1200±10%	0.426	2.0	19.0	1.82	1
THDC2821-152K	1500±10%	0.518	2.0	19.0	1.82	1
THDC2821-182K	1800±10%	0.705	1.6	19.0	1.82	1
THDC2821-222K	2200±10%	1.020	1.3	19.0	1.82	1
THDC2821-272K	2700±10%	1.140	1.3	19.0	1.82	1
THDC2821-332K	3300±10%	1.270	1.3	19.0	1.82	1
THDC2821-392K	3900±10%	1.670	1.0	19.0	1.82	1
THDC2821-472K	4700±10%	1.860	1.0	19.0	1.82	1

Electrical Specifications-THDC3826

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	F(Ref) (mm)	D(Dia) (mm)	TEST FREQ (kHz)
THDC3826-1R8M	1.8±20%	0.002	30	28	2	1
THDC3826-2R2M	2.2±20%	0.002	30	28	2	1
THDC3826-2R7M	2.7±20%	0.003	28	28	2	1
THDC3826-3R3M	3.3±20%	0.003	28	28	2	1
THDC3826-3R9M	3.9±20%	0.003	28	28	2	1
THDC3826-4R7M	4.7±20%	0.003	28	28	2	1
THDC3826-5R6M	5.6±20%	0.004	24	28	2	1
THDC3826-6R8M	6.8±20%	0.004	24	28	2	1
THDC3826-8R2M	8.2±20%	0.004	24	28	2	1
THDC3826-100K	10±10%	0.005	21	28	2	1
THDC3826-120K	12±10%	0.005	21	28	2	1
THDC3826-150K	15±10%	0.006	19	28	2	1
THDC3826-180K	18±10%	0.008	17	28	2	1
THDC3826-220K	22±10%	0.009	16	28	2	1
THDC3826-270K	27±10%	0.010	16	28	2	1
THDC3826-330K	33±10%	0.011	15	28	1.8	1
THDC3826-390K	39±10%	0.012	15	28	1.8	1
THDC3826-470K	47±10%	0.018	12	28	1.8	1
THDC3826-560K	56±10%	0.019	12	28	1.6	1
THDC3826-680K	68±10%	0.021	11	28	1.6	1
THDC3826-820K	82±10%	0.023	10	28	1.6	1
THDC3826-101K	100±10%	0.025	10	28	1.6	1
THDC3826-121K	120±10%	0.028	10	28	1.45	1
THDC3826-151K	150±10%	0.040	8.0	28	1.45	1
THDC3826-181K	180±10%	0.045	7.8	28	1.45	1
THDC3826-221K	220±10%	0.050	7.4	28	1.30	1
THDC3826-271K	270±10%	0.056	7.0	28	1.30	1
THDC3826-331K	330±10%	0.074	6.0	28	1.30	1
THDC3826-391K	390±10%	0.082	5.8	28	1.15	1
THDC3826-471K	470±10%	0.114	4.9	28	1.15	1
THDC3826-561K	560±10%	0.125	4.7	28	1.00	1
THDC3826-681K	680±10%	0.139	4.4	28	1.00	1
THDC3826-821K	820±10%	0.154	4.2	28	1.00	1
THDC3826-102K	1000±10%	0.216	3.6	28	1.00	1
THDC3826-122K	1200±10%	0.232	3.4	28	0.91	1
THDC3826-152K	1500±10%	0.324	2.9	28	0.91	1
THDC3826-182K	1800±10%	0.360	2.8	28	0.91	1
THDC3826-222K	2200±10%	0.494	2.4	28	0.81	1
THDC3826-272K	2700±10%	0.555	2.2	28	0.81	1
THDC3826-332K	3300±10%	0.773	1.9	28	0.72	1
THDC3826-392K	3900±10%	0.845	1.8	28	0.72	1
THDC3826-472K	4700±10%	1.140	1.6	28	0.72	1
THDC3826-562K	5600±10%	1.600	1.3	28	0.64	1
THDC3826-682K	6800±10%	1.760	1.2	28	0.64	1
THDC3826-822K	8200±10%	1.950	1.2	28	0.57	1
THDC3826-103K	10000±10%	2.760	1.0	28	0.57	1
THDC3826-123K	12000±10%	3.040	0.9	28	0.51	1
THDC3826-153K	15000±10%	3.390	0.9	28	0.51	1